

FIGURE 1

SEQ ID NO: 41	M-----GHGGE-----GMSLEFTPTWVVAGVCTVIVAISLAVERLLH	1
SEQ ID NO: 40	MITSRCRRSLLWFLVFHGGATATGAPSGKELSQPTWAVAVVCTFLILISHLLEKGLQ	
SEQ ID NO: 39	M-----SDKKG-VPARELPETPSWAVAVVFAAMVLVSVLMEHGLH	
SEQ ID NO: 42	M-----ADQ-----VKEKLEETSTWAVAVVCFVLLLSIVIEKLIH	
SEQ ID NO: 08	M-----SGGEE-----GATLEFTPTWVVAACFTVIVAISLAAERLLH	
SEQ ID NO: 12	M-----AAGESSSSRDLDDQPTWAVAAVCTVFILVSIKSLH	
SEQ ID NO: 14	M-----GGGEE-----GNNLEFTPTWVAVVCSVIVAASFAAERFLH	
SEQ ID NO: 28	M-----GG-----KTLQETPTWAVAVVCFVLLSISILIEHILH	
SEQ ID NO: 32	M-----AEDYEYPPARTLPETPSWAVAVVCFVLLSISILIEHILH	
SEQ ID NO: 38	M-----AGGGK-----AKPLEYPTTWIVALVCSVMIIISLLFERLLH	60
		1
SEQ ID NO: 41	YFGTVLKKKKQKPLYEALQKVKEELMLLGFISLLLTVFQGL-ISKFCVKENVLMHMLPCS	
SEQ ID NO: 40	RLANWLWKKHKNLSLEALEKIKAEELMILGFISLLLTTFGE-PYILKICVPRKAALSMPLCL	
SEQ ID NO: 39	KLGHWFQHRHKKALWEALEKMKAEELMLVGFISLLLTIVTQDPIIAKICISEDAAVMPCK	
SEQ ID NO: 42	KIGSWFKKKKKKALYEALQKVKEELMLMGFISLLLTIGQG-YISNICIPKNIAASMHPCS	
SEQ ID NO: 08	YGGKFLKAKDQKPLYEALQKVKEELMLLGFISLLLTITQNG-ITKICVRPSLTLMHMLPCN	
SEQ ID NO: 12	KVGTWLGQKKKKALLEALEKVKAEELMLLGFISLLLTITQNG-SYIVRICIPEKLADNMLPCP	
SEQ ID NO: 14	YGGKFLKRNQKPLYEALQKVKEELMLLGFISLLLTITQNG-IIRICVPVGVTHHMLPCS	
SEQ ID NO: 28	LIGKWLKKKKRALCEALEKIKSELMLLGFISLLLTITQNG-LISRICISEKVAGTFHPCP	
SEQ ID NO: 32	KLGHWFHKKRNALAEALEKIKAEELMLVGFISLLLTAVTQDPISG-ICISEKAASIMRPCS	
SEQ ID NO: 38	RLGKRLIRSRKKPLYEALLKVKEELMLLGFISLLLTITQNG-MGKVCVSPSAMLHLQPCCK	120
		61

FIGURE 1

SEQ ID NO: 41	LDSR-----REAGASEHKNVTAKEHFQFLPIVG-TTRRLAEH-----AAVQVGYCSEK	121
SEQ ID NO: 40	-----SEDTVLFQKLA PSSL-----SRHLLAAGDTSIN-----C-KQ	
SEQ ID NO: 39	RGTEGRK-----PSKYVDY-----CPE-	
SEQ ID NO: 42	ASEEARKYGKDVPEDEEENLRKLLQLVDS--LIPRRSLATKGYD-K-----CAEK	
SEQ ID NO: 08	LHD-----APANHES-----HFQTFEP--G-TARRLLSGEHSTPESASKIGYCSRK	
SEQ ID NO: 12	Y-----KY-KEDKKASDSEEHRRKLLSY-----ERRYLAADTTSEK-----CSRE	
SEQ ID NO: 14	L-----	
SEQ ID NO: 28	-----KYYKKKEESEHRTNNGRRLLAAFLDSDNQNHRRRILAAAGGD-N-----CPP-	
SEQ ID NO: 32	LPPGSVK-----SKYKDY-----CAKK	
SEQ ID NO: 38	-----PPPHETDHLGD-----AVETGVLG-GARRLLAGGASSDK-----YCLKK	180
		121
SEQ ID NO: 41	GKVPLLSLEALHHLHIFIFVLAISHVTFCVLTVIFGSTRIHQWKKWEDSIADEKFDPEA	
SEQ ID NO: 40	GSEPLITLKGHLHQLHILLFFLAIFHIVYSLITMMLSRCLKIRGWKKWEQETLSNDYEFSD	
SEQ ID NO: 39	GKVALMSTGSLHQLHVFIFVLAVFHVITYSVITIALSRCLKMRTWKKWETETTSLEYQFAND	
SEQ ID NO: 42	GKVAFVSAYGMHQLHIFIFVLAVCHVIYICIVTYALGKTKMRRWKKWEEETKTIEYQYSHD	
SEQ ID NO: 08	HKVPLLSVEALHHLHIFIFVLAVVHVSFSLTVVFGGARIRQWKKWEDSIAKQNYETDRV	
SEQ ID NO: 12	GHEPLLSVNGLHQLHILRILLAVIHVLYSAITMMLGRLKILGWKAWAAGLQLHNYEFANA	
SEQ ID NO: 14	-----	
SEQ ID NO: 28	GKVPFVSSEGIHQLHIFIFVLAVFHVLYCILTALGRAKMRWRKRWEEETKTAQYQFSHD	
SEQ ID NO: 32	GKVSMLMSTGSLHQLHIFIFVLAVFHVITYSVIIMALSRLKMRTWKKWETETASLEYQFAND	
SEQ ID NO: 38	DKVPLLSDDAIHQLHIFIFVLAVTHFLLSAITVLLGMAQTRNWRHWETKIQENNGSAPQM	240
		181

FIGURE 1

SEQ ID NO: 41	LRKRRVTHVNHAFIKEHFLGIGKDSVILGWTQSFLLKQFYDSVTKSDYVTLRLGFIMTH-	300
SEQ ID NO: 40	HSRLRLTH--ETSFVREHT-SFWTTTPFFFYVGCFFRQFFVSVERTDYTLRHGFISAHL	
SEQ ID NO: 39	PARFRFTH--QTSFVKRHL-GLSSTPGIR-WVVAFFRQFFRSVTKVVDYTLRAGFINAHL	
SEQ ID NO: 42	PERFRFAR--DTSFGRRLH-SFWSKSTITLWIVCFRQFFRSVTKVVDYTLRHHGFIMAHL	
SEQ ID NO: 08	L-KPKVTQVHQHDFIRGRFAGEGKDSAIVGWLISFLKQFYGSVTKSDYVTLRHHGFIMTH-	
SEQ ID NO: 12	ASKIKLIM--ETSFVRSPI-QFLIRIPFIFFYIRCFRQFYRSVNRTDYTLRLNGFITVHL	
SEQ ID NO: 14	-----	
SEQ ID NO: 28	PERFRFAR--ETSFGRRLH-SFWAQNPNVLLWIVCFRQFVRSVPKVVDYTLRHHGFIMMAHL	
SEQ ID NO: 32	PARFRFTH--QTSFVKRHL-GLSSTPGIR-WVVAFFRQFFRSVTKVVDYTLRAGFINAHL	
SEQ ID NO: 38	IK-----HVQEFKFIQDHFKGHRKRSRIFGWMRSFFKQLYGSVTEEDYTTMRLGFIMKH-	241
		300
SEQ ID NO: 41	-CKGNPKLNFKYMMRALEDDEKQVVGISWYLWIFVVIFLLNVNGWHTYFWIAFIPFAL	
SEQ ID NO: 40	APGR--KFNFRQYIKRSLEDDFKLVVGISPLWASVFIFFLNVNGWRTLFWASIPPLLI	
SEQ ID NO: 39	SQNS--KFDFHKYIKRSMEDDFKVVVGISPLWGVAILTLFLDINGVGTLLIWSFIPPLVI	
SEQ ID NO: 42	APGSDARDFRKYIQRSLEEDFKTIVEINPVIWFIWVAVLFLTNGLNSYLWLPFIPFIV	
SEQ ID NO: 08	-CRTNPKNFHKYIMIRALEDDFKQVVGISWDLWLFVVFLLNVNGWHTYFWIAFIPVIL	
SEQ ID NO: 12	APGS--KFNFPKYIKRSLEDDFKVVVGVSPIWASVVVYLLINNVNGWHTVLWAAALIPVVI	
SEQ ID NO: 14	-----	
SEQ ID NO: 28	GPHSHPKDFRQYIKRSLEEDFKVVVEIR-----	
SEQ ID NO: 32	SHNS--KFDFHKYIKRSMEDDFKVVVGISPLWCVAILTLFLDIDGIGTLTWISFIPPLVI	
SEQ ID NO: 38	-CKGTPKENFYSIMIRALEVDKFKVVVGISWYLWAMLMIFFLLNVEGWYVYIWTITLVPFIM	301
		360

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## FIGURE 1

SEQ ID NO: 41	LLAVGTKLEHVIAQLAHEVAEKHVAIEGDLVVKPSDEHFWFSKPPQIVLYLIHFILFQNAF	
SEQ ID NO: 40	ILAVGTKLOAIMATMALEIVETHAVVQGMPLVQGSDDRYFEDCPQLLLHLIHFALFQNAF	
SEQ ID NO: 39	LLCVGTKLEMIIMEMALEIQDRASVIKGAAPVEPSNKEFFWHRPDWVLFHILTLFQNAF	
SEQ ID NO: 42	ILIVGTKLQVITTKLGLRIQEKGDVVKGTPLVQPGDHFHFWGRRPRFILFLIHLVLETFNAF	
SEQ ID NO: 08	LLAVGTKLEHIITQLAHEVPEKHAAIEGDLVVQPSDEHFWHRPHVVLFLIHFILFQNAF	
SEQ ID NO: 12	ILAVGTKLQAILANMALEITERHAVVQGMPLVQGSDDKYFWFGQPQLVLHLIHFALFQNAF	
SEQ ID NO: 14	-----	
SEQ ID NO: 28	-----	
SEQ ID NO: 32	LLCVGTKLEMIIMEMALEIQDRASVIKGAAPVEPSNKEFFWHRPDWVLFHILTLFQNAF	
SEQ ID NO: 38	LLMVGSKMEHIITELAYEVAQKHTAIRGDLVVSPSDNFFWHRPKLVLLLIHIVLTFQNAF	420
		361
SEQ ID NO: 41	EIAFFFWIWVTYGFDSKIMGQVRYIVPRLVIGVFIQVLCYSTLPLYAIVSQMGSSFKA	
SEQ ID NO: 40	QITHFFWIWYSFGLKSCFHKDFNLVVSCKLFLCLGALLCSYITLPLYALVTQMGSHMKKA	
SEQ ID NO: 39	QMAHFVWTVATPGLKKCYHTQIGLSIMKVVVGLALQFLCSYMTFPLYALVTQMGSNMKRS	
SEQ ID NO: 42	QLAFFVWSTYEFGLKNCFHESRVDVIRISIGLLVQILCSYVTLPLYALVTQMGSKMKPT	
SEQ ID NO: 08	EIAFFFWIWVTYGFDSKIMGQVRYIVPRLVIGVFIQVLCYSTLPLYAIVTQMGTHYKRA	
SEQ ID NO: 12	QITYILWIWYSFGLRNCERTDYKLAVVKVALXM-MLCLCSYITLPLYALVTQMGSRMKA	
SEQ ID NO: 14	-----	
SEQ ID NO: 28	---FFA---	
SEQ ID NO: 32	QMAHFVWTVATPGLKKCFHMHIGLSIMKVVLGLALQFLCSYITFPLYALVTQMGSNMKRS	
SEQ ID NO: 38	EIAFFFWLLVTYGFKSCIMGKPAYVITRVVISVICQVLCGYSTLPLYAVVSHMGNSFKKT	480
		421

FIGURE 1

SEQ ID NO: 41	IFEENVQVGLVGVWAQVKQKRDLCAAA-----SNGDEGSSQAGPGPDGSGS-----	
SEQ ID NO: 40	VFDEQMAKALKKKWKDIKLLK-----GKARKLPSTLGVSEFSL-----	
SEQ ID NO: 39	IFDEQTSKALTNWRNTAKEKKKKVRDMLMAQIMIGDTPSRGSSPMPSPRGSSPVHLLHKG	
SEQ ID NO: 42	VFNERVATALKSWHHTA--KKNIKH-----GRTESTTPFSSRPTTPTHGSSPIHLLRNA	
SEQ ID NO: 08	IFNDHLQQNIIVGWAQKAKKRKGLKA-----DGNPGQGSSQESAN-----	
SEQ ID NO: 12	IFDEQTNKALKKKWHMAAKKKQ-----GGAVTLGKSSARIMDGSP-----	
SEQ ID NO: 14	-----KDKKK-----	
SEQ ID NO: 28	-----	
SEQ ID NO: 32	IFDEQTAKALTNWRNTAKEKKKKVRDMLMAQIMIGDTPSRGTSPMPSPRASSPVHLLHKG	
SEQ ID NO: 38	IFDENVTGLVNWAEKA--RRGTRTPN-----KITDASSPIDEANGGA-----	540
		481
SEQ ID NO: 41	-----APAAAGPGAGFAGIQLSRVTRNNAGDTNNEITPDHN-----N-----	
SEQ ID NO: 40	-----SSSSSATTLHRSKTTGH---SSNIYYKQDEEDEMDS--L	
SEQ ID NO: 39	---MGRSDD-----PQSAPTSPTQQEARDMPVVVAHPVHRLNPNDRRRSASSSAL	
SEQ ID NO: 42	PHKRSRSVDESANFSFPRNSDFDSDPESQHETAETSNHRSRFGEESEKKFVSSSV	
SEQ ID NO: 08	-----TGILGSIFFKATAPGDSSSAPKADGISSV.---	
SEQ ID NO: 12	-----GNSSTVHSLAPHYTVSKLLATQAPAPHQQRTRIKIKIMN--M	
SEQ ID NO: 14	-----K-----	
SEQ ID NO: 28	-----	
SEQ ID NO: 32	---MGRSDD-----PQSAPTSPTMEEARDMPVVVAHPVHRLNPADRRRSVSSSAL	
SEQ ID NO: 38	-----VQMT-----NTRANSVEQGTARLI.---	600
		541

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FIGURE 1

SEQ ID NO:41	-----
SEQ ID NO:40	EAGAEIDAIDRIQQQEMQF-----HNS
SEQ ID NO:39	E-----ADIPSADEFSQ-G
SEQ ID NO:42	ELPPGPGQIRTQHEISTISLRDFSFKR--
SEQ ID NO:08	-----
SEQ ID NO:12	NPMVLSCLRWRKQASL.-----
SEQ ID NO:14	-----
SEQ ID NO:28	-----
SEQ ID NO:32	D-----ADIPSADEFSQG.
SEQ ID NO:38	-----

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